EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"6636847".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 12:53
L2	782	((peertopeer) or (peer) or (PPP)) with (secur$4 or authori$6 or permit$4) with (shar$4 or access$4 or download$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 12:59
L3	121	((peertopeer) or (peer) or (PPP)) with (secur$4 or authori$6 or permit$4) with (shar$4 or access$4 or download$4) and server with central and music	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:00
L4	100	((peertopeer) or (peer) or (PPP)) with (secur$4 or authori$6 or permit$4) with (shar$4 or access$4 or download$4) and server with central and music and (copy$right or protection or illegal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 14:12
L5	0	((peertopeer) or (peer) or (PPP)) with (secur$4 or authori$6 or permit$4) with (shar$4 or access$4 or download$4) and server with central and music and (copy$right or protection or illegal) and malfeasant	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 14:16
L6	88	((peertopeer) or (peer) or (PPP)) with (secur$4 or authori$6 or permit$4) with (shar$4 or access$4 or download$4) and server with central and music and (copy$right or protection or illegal) and (prevent$4 or denied or error or reproduc$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 14:19
L7	88	((peertopeer) or (peer) or (PPP)) with (secur$4 or authori$6 or permit$4) with (shar$4 or access$4 or download$4) and server with central and music and (copy$right or protection or illegal) and (prevent$4 or denied or error or reproduc$6 or prevent$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 14:24

L8	88	((peertopeer) or (peer) or (PPP)) with (secur$4 or authori$6 or permit$4) with (shar$4 or access$4 or download$4) and server with central and music and (copy$right or protection or illegal) and (prevent$4 or denied or error or reproduc$6 or prevention or prevented)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 14:26
L9	82	((peertopeer) or (peer) or (PPP)) with (secur$4 or authori$6 or permit$4) with (shar$4 or access$4 or download$4) and server with central and music and (copy$right or protection or illegal) and (prevent$4 or denied or error or reproduc$6 or prevention or prevented) and central with server and (user or access or peer) with (list or table or database)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 14:29
L10	70	((peertopeer) or (peer) or (PPP)) with (secur$4 or authori$6 or permit$4) with (shar$4 or access$4 or download$4) and server with central and music and (copy$right or protection or illegal) and (prevent$4 or denied or error or reproduc$6 or prevention or prevented) and central with server and (user or access or peer) with (list or table or database) and software and (instance or presistent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 14:45
L11	70	((peertopeer) or (peer) or (PPP)) with (secur$4 or authori$6 or permit$4) with (shar$4 or access$4 or download$4) and server with central and music and (copy$right or protection or illegal) and (prevent$4 or denied or error or reproduc$6 or prevention or prevented) and central with server and (user or access or peer) with (list or table or database) and software and (instance or presistent) and music	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 14:48

10/13/2006 2:49:59 PM
C:\Documents and Settings\nabeljalil\My Documents\EAST\Workspaces\Default EAST Workspace 1600x1200.wsp

Page 2

L12	14	((peertopeer) or (peer) or (PPP)) with software with (permit$4 or allow$4 or grant$4) and server with central and music and (copy$right or protection or illegal) and (prevent$4 or denied or error or reproduc$6 or prevention or prevented) and central with server and (user or access or peer) with (list or table or database) and software and (instance or presistent) and music	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 14:49
L13	8	((peertopeer) or (peer) or (PPP)) with software with (permit$4 or allow$4 or grant$4) and server with central and music and (copy$right or protection or illegal) and (prevent$4 or denied or error or reproduc$6 or prevention or prevented) and central with server and (user or access or peer) with (list or table or database) and software and (instance or presistent) and music and central with (access$4 or list or table or user$4 or group)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 14:49

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L14	46	((peertopeer) or (peer) or (PPP)) with (player or software or application) with (permit$4 or allow$4 or grant$4) and server with central and music and (copy$right or protection or illegal) and (prevent$4 or denied or error or reproduc$6 or prevention or prevented) and central with server and (user or access or peer) with (list or table or database) and software and (instance or presistent) and music and central with (access$4 or list or table or user$4 or group)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 14:56

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Set      Items   Description
S1       12168   PEER(N)PEER OR GROKSTER OR NAPSTER OR KAZAA OR MORPHEUS OR
                 EDONKEY OR FILE()(SHARING OR SWAPPING) OR P2P OR GNUTELLA OR -
                 (GRID OR DISTRIBUTED OR UTILITY)()COMPUTING OR MULTICOMPUTER -
                 OR MULTI()COMPUTER
S2       37777   (PARALLEL OR DISTRIBUTED OR GRID)(1W)(PROCESS??? OR COMPUT?
                 OR RESOURCES) OR CLUSTER?(1W)(COMPUT? OR SUPERCOMPUT?)
S3     3461783   ACCESS OR ACL OR AUTHORI?E? ? OR AUTHORI?ING OR AUTHORI?AT-
                 ION? ? OR ALLOW?? OR ALLOWING OR PERMISSION? ? OR PERMIT OR P-
                 ERMITTED OR PERMITTING OR GRANT?? OR GRANTING
S4      821434   AUTHENTICATE? ? OR AUTHENTICATING OR AUTHENTICATION? ?  OR
                 RIGHTS OR PRIVILEGES OR RESTRICT?? OR RESTRICTING OR RESTRICT-
                 ION? ?
S5     4742744   SOFTWARE OR APPLICATION? ? OR PROGRAM? ? OR FIRMWARE OR AG-
                 ENT? ? OR WIZARD? ?
S6      254828   (S3 OR S4) (5N) S5
S7        1085   S6 (30N) (S1 OR S2)
S8     1852075   SHARE? ? OR SHARING OR DOWNLOAD?? OR DOWNLOADING OR UPLOAD-
                 ?? OR UPLOADING OR (UP OR DOWN)()LOAD??? OR INSTALL?? OR INST-
                 ALLING OR INSTALLATION? ? OR COPY OR COPIE? ? OR COPYING OR R-
                 EPRODUCE? ? OR REPRODUCING OR REPRODUCTION? ?
S9     1661095   DUPLICATE? ? OR DUPLICATING OR DUPLICATION? ? OR EXCHANGE?
                 ? OR EXCHANGING OR DISTRIBUTE? ? OR DISTRIBUTING OR DISTRIBUT-
                 ION? ? OR REPLICATE? ? OR REPLICATING OR REPLICA OR REPLICAS
S10     149299   (S3 OR S4) (5N) (S8 OR S9)
S11      11415   S10 (5N) S5
S12        358   S11 (30N) (S1 OR S2)
S13        287   S12 AND IC=G06F
S14        203   S13 AND AY=1963:2001
S15          9   S12 AND IC=G06F-007
S16          3   S15 AND AY=1963:2001
S17     975732   (SECOND OR 2ND OR SECONDARY OR ANOTHER OR OTHER? ? OR DIFF-
                 ERENT ) (3W) (DEVICE? ? OR UNIT? ? OR MACHINE? ? OR APPARATUS-
                 ??  OR COMPUTER? ? OR  PC OR NODE? ? OR CLIENT? ? OR SERVER? ?
                 OR TERMINAL? ? OR SYSTEM? ? OR PEER OR PEERS )
S18      58459   S17 (5N) S5
S19        391   S10 (10N) S18
S20         25   S19 (30N) (S1 OR S2)
S21         25   S20 NOT S16
S22         17   S21 AND AY=1963:2001
S23         17   IDPAT (sorted in duplicate/non-duplicate order)
S24         16   IDPAT (primary/non-duplicate records only)
File 348:EUROPEAN PATENTS 1978-2006/ 200641
         (c) 2006 European Patent Office
File 349:PCT FULLTEXT 1979-2006/UB=20061012UT=20061005
         (c) 2006 WIPO/Thomson
File 350:Derwent WPIX 1963-2006/UD=200666
         (c) 2006 The Thomson Corporation
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16/5,K/1   (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2006 WIPO/Thomson. All rts. reserv.

00799820   **Image available**
**INTERNET-BASED SHARED FILE SERVICE WITH NATIVE PC CLIENT ACCESS AND
    SEMANTICS AND DISTRIBUTED VERSION CONTROL**
**SERVICE DE FICHIERS PARTAGES BASE SUR INTERNET A SEMANTIQUE ET ACCES CLIENT
    PC NATIFS ET CONTROLE DE VERSION REPARTI**
Patent Applicant/Assignee:
  MANGOSOFT CORPORATION, Suite 190, 1500 West Park Drive, Westborough, MA
    01581, US, US (Residence), US (Nationality)
Inventor(s):
  PHILLIPS Robert S, 5 Sherman Street, Brookfield, MA 01560, US,
  DAVIS Scott H, 136 Riverbend Drive, Groton, MA 01450, US,
  DIETTERICH Daniel J, 4 Cedar Terrace, Acton, MA 01720, US,
  NYMAN Scott E, 15 Rockwell Drive, Shrewsbury, MA 01545, US,
  PORTER David, 2 Uplands Road, Littleton, MA 01460, US,
Legal Representative:
  GOLDMAN Gregg I (agent), Proskauer Rose, LLP, Patent Dept., 1585
    Broadway, New York, NY 10036, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200133383 A1 20010510 (WO 0133383)
  Application: WO 2000US30078 20001101   (PCT/WO US0030078)
  Priority Application: US 99163008 19991101
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
  ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
  LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
  TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class (v7): G06F-015/167
International Patent Class (v7): G06F-015/16; G06F-015/177; **G06F-007/00** ;
  G06F-012/00; G06F-017/30
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 35100

English Abstract
  A multi-user file storage service and system enable each user of a
  pre-subscribed user group to operate an arbitrary client node (h20-h26)
  at an arbitrary geographic location, to communicate with a remote file
  server node (h28-h30, h32-h33) via a wide area network (200) and to
  access the files of the file group via the respective client node in
  communication with the remote file server node via the wide area network.
  Illustratively, the integrity of the files at the remote file server node
  are maintained by controlling each access to each file at the remote file
  server node so that each access to files at the remote file server is
  performed, if at all, on a respective portion of each file as most
  recently updated at the remote file server node. Version control to a
  particular one of the files of the group can be delegated to a version
  control node (h31).

French Abstract
  L'invention concerne un service et un systeme de stockage de fichiers
  multi-utilisateur permettant a chaque utilisateur d'un groupe

d'utilisateurs prealablement abonne d'utiliser un noeud client arbitraire (h20-h26) a un emplacement geographique arbitraire pour communiquer avec un noeud serveur de fichiers eloigne (h28-h30, h32-h33) par l'intermediaire d'un reseau etendu (200) et pour acceder aux fichiers du groupe de fichiers par l'intermediaire du noeud client respectif en communication avec le noeud serveur de fichiers eloigne par l'intermediaire du reseau etendu. Ainsi, l'integrite des fichiers sur le noeud serveur de fichiers eloigne est assuree par le controle de chaque acces a chaque fichier sur le noeud serveur de fichiers eloigne de sorte que chaque acces a des fichiers du serveur de fichiers eloigne est execute, le cas echeant, sur une partie respective de chaque fichier la plus recemment actualisee sur le noeud serveur de fichiers eloigne. Un controle de version sur un fichier particulier du groupe de fichiers peut etre delegue a un noeud de controle de version (h31).

Claim
... rights, can actually access a file at one time. The operating system or native file **application** programming interface simply does not **permit** extensive **file sharing** . According to another method of **file sharing** , multiple client nodes are pen-nitted to read information from a file simultaneously. but only...

16/5,K/2   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2006 The Thomson Corporation. All rts. reserv.

0015444055 - Drawing available
WPI ACC NO: 2005-793716/200581
XRPX Acc No: N2005-657418
**Resource locking management method for global data repository of
distributed computing environment, involves employing local tree for
obtaining lock of resource independent of threading model of client
application**
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: LAIB G D; NOVAES M N; UCEDA-SOSA R A .
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
US 6965892	B1	20051115	US 2000584609	A	20000531	200581	B

Priority Applications (no., kind, date): US 2000584609 A 20000531

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6965892	B1	EN	12	6	

Alerting Abstract US B1
NOVELTY - A local tree (500) is employed for obtaining the lock of a
resource associated with a server data tree (504) of a global data
repository independent of a threading model of a requesting thread of the
multi-threaded client application of a distributed computing environment.
The local tree has mount points used by the client application to lock the
resource through the server data tree.
DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1. system for managing locking of resources of global data repository of
   distributed computing environment; and

2. program storage device storing program of instructions executable by
   machine for managing locking of resources of global data repository of
   distributed computing environment.

USE - For management of locking of resources in global data repository of
distributed computing environment.
ADVANTAGE - Enables to grant locks independent of threading models by
automatically associating thread with lock block by using local trees in
accessing data of global repository and enables client **application** to
efficiently **access** global data repositories of **distributed computing**
environment.
DESCRIPTION OF DRAWINGS - The figure shows the local trees mounted to the
global tree.

Title Terms/Index Terms/Additional Words: RESOURCE; LOCK; MANAGEMENT;
   METHOD; GLOBE; DATA; REPOSITORY; DISTRIBUTE; COMPUTATION; ENVIRONMENT;
   EMPLOY; LOCAL; TREE; OBTAIN; INDEPENDENT; THREAD; MODEL; CLIENT; APPLY

Class Codes
International Classification (Main): **G06F-007/00**
US Classification, Issued: 707008000, 707010000, 707201000, 709203000,
   709204000, 709217000

File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-H01C2; T01-J05B2B; T01-N02B1A; T01-S03

200581

Alerting Abstract ...lock block by using local trees in accessing data of global repository and enables client **application** to efficiently **access** global data repositories of **distributed** **computing** environment...

Class Codes
International Classification (Main): G06F-007/00

DIALOG(R)File 350:Derwent WPIX
(c) 2006 The Thomson Corporation. All rts. reserv.

0013024022 - Drawing available
WPI ACC NO: 2003-102679/
Related WPI Acc No: 2004-542545
XRPX Acc No: N2003-082034
**File system resource access control method in computer system, involves
generating authorization decision for accessing protected file system
object, if attempted access is determined to protected file object**
Patent Assignee: INT BUSINESS MACHINES CORP   (IBMC)
Inventor: BURNETT R C
Patent Family (2 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
US 20020147706	A1	20021010	US 2001826984	A	20010405	200309	B
US 6766314	B2	20040720	US 2001826984	A	20010405	200448	E

Priority Applications (no., kind, date): US 2001826984 A 20010405

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20020147706	A1	EN	16	7	

  Alerting Abstract US A1
  NOVELTY - A file identifier is generated for the protected and controlled
access file system object. A database comprising a record of the file
identifier, is searched to determine if the attempted access is to a
protected file system object. An authorization decision is generated for
access to the file system object based on the determination.
  DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

  1.File system object security policy enforcing method;

  2.File identifier generation method;

  3.Computer program product for file system resource access control;
    and

  4. Distributed computer system.

  USE - For controlling access to file system resource in operating system
environment such as UNIX, LINUX, WINDOWS, etc., in distributed computer
system (claimed).
  ADVANTAGE - The file identifier corresponding to the protected file
system object enables efficient and quick searching and access to the file
system object.
  DESCRIPTION OF DRAWINGS - The figure shows a flowchart illustrating the
authorization policy record process.
Title Terms/Index Terms/Additional Words: FILE; SYSTEM; RESOURCE; ACCESS;
  CONTROL; METHOD; COMPUTER; GENERATE; AUTHORISE; DECIDE; PROTECT; OBJECT;
  ATTEMPT; DETERMINE

Class Codes
International Classification (Main): **G06F-007/00**
US Classification, Issued: 707003000, 707002000, 707003000, 707009000,
  707010000, 707102000, 713165000, 713167000

File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-J05B4P; T01-J12C; T01-S03...

  Alerting Abstract ...File system object security policy enforcing method;
File identifier generation method; Computer **program** product for file

system resource **access** control; and **Distributed** **computer** system...

Class Codes
International Classification (Main): **G06F-007/00**

24/5,K/4   (Item 4 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01583985
Single authentication for a plurality of services
Authentifizierung zu einer Mehrzahl von Diensten durch eine einzige
    Anmeldung
Authentification aupres de plusieurs services par un seul acces
PATENT ASSIGNEE:
   SUN MICROSYSTEMS, INC., (1392732), 2550 Garcia Avenue, Mountain View,
     California 94043-1100, (US), (Applicant designated States: all)
INVENTOR:
   Laux, Thorsten O., 1399 Bonita Avenue, Mountain View, CA 94040, (US)
   Voitenko, Mikhail, Oertzweg 21, 22307 Hamburg, (DE)
   Eilers, Bernd, Vogelhuttendeich 80, 21107 Hamburg, (DE)
LEGAL REPRESENTATIVE:
   HOFFMANN - EITLE (101511), Patent- und Rechtsanwalte Arabellastrasse 4,
     81925 Munchen, (DE)
PATENT (CC, No, Kind, Date):   EP 1315064   A1   030528 (Basic)
APPLICATION (CC, No, Date):   EP 2001127722 011121;
DESIGNATED STATES: DE; FR; GB
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS (V7): G06F-001/00
ABSTRACT EP 1315064 A1

    Processing system and method for improving the efficiency of user
   authentication in a computing environment. It is proposed to receive
   authentication information upon initialisation of a first service by an
   end user and to generate a security for initialisation of further
   subsequent services through the same end user without repeated submitted
   of authentication information.
ABSTRACT WORD COUNT: 55
NOTE:
   Figure number on first page: 2

LEGAL STATUS (Type, Pub Date, Kind, Text):
 Application: 030528 A1 Published application with search report
 Assignee: 030806 A1 Transfer of rights to new applicant: SUN
                              MICROSYSTEMS, INC. (1392733) 901 San Antonio
                              Road Palo Alto, California 94303 US
 Examination: 030917 A1 Date of request for examination: 20030723
 Assignee: 040114 A1 Transfer of rights to new applicant: Sun
                              Microsystems, Inc. (2616592) 4150 Network
                              Circle Santa Clara, California 95054 US
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200322	2091
SPEC A	(English)	200322	11228
Total word count - document A			13319
Total word count - document B			0
Total word count - documents A + B			13319

...SPECIFICATION or group of application programs allowing a convenient
browsing through information or data available in **distributed**
computing environments such as the Internet or any other network
including local area networks. A browser application generally **allows**
to view and **download** data and further to transmit data between
different data processing **devices** . Further, a browser **application** ,
appropriately configured or equipped with appropriate amendments or
application modules, sometimes termed plug-ins, may...

01379018
TRANSFORMATION OF OBJECTS BETWEEN A COMPUTER PROGRAMMING LANGUAGE AND A DATA REPRESENTATION LANGUAGE
TRANSFORMATION VON OBJEKTEN ZWISCHEN EINER RECHNERPROGRAMMIERSPRACHE UND EINER DATEN-DARSTELLUNGSSPRACHE
TRANSFORMATION D'OBJETS ENTRE UN LANGAGE DE PROGRAMMATION ET UN LANGAGE DE REPRESENTATION DE DONNEES
PATENT ASSIGNEE:
  Sun Microsystems, Inc., (2616592), 4150 Network Circle, Santa Clara,
    California 95054, (US), (Proprietor designated states: all)
INVENTOR:
  SLAUGHTER, Gregory, L., 3326 Emerson Street, Palo Alto, CA 94306, (US)
  SAULPAUGH, Thomas, E., 6938 Bret Harte Drive, San Jose, CA 95120, (US)
  TRAVERSAT, Bernard, A., 701 Fremont Street, Menlo Park, CA 94025, (US)
  ABDELAZIZ, Mohamed, M., 78 Cabot Avenue, Santa Clara, CA 95051, (US)
  DUIGOU, Michael, J., 33928 Capulet Circle, Fremont, CA 94555, (US)
LEGAL REPRESENTATIVE:
  Davies, Simon Robert (75453), D Young & Co, 21 New Fetter Lane, London,
    EC4A 1DA, (GB)
PATENT (CC, No, Kind, Date):   EP 1290547 A2   030312 (Basic)
                                EP 1290547 B1   040107
                                WO 2001086427   011115
APPLICATION (CC, No, Date):   EP 2001937315 010509;   WO 2001US15276   010509
PRIORITY (CC, No, Date): US 202975 P 000509; US 208011 P 000526; US 209430
    P 000602; US 209140 P 000602; US 209525 P 000605; US 663563 000915
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
  LU; MC; NL; PT; SE; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
RELATED DIVISIONAL NUMBER(S) - PN (AN):
    (EP 2003021805)
INTERNATIONAL PATENT CLASS (V7): G06F-009/00
CITED PATENTS (EP B): WO /17748 A
CITED REFERENCES (EP B):
  ALLAIRE J: "The Emerging Distributed Web Part 3/4 and 4/4" , September
    1998 (1998-09), pages 1-9, XP002135919
  MUELLER-WILKEN S ET AL: "XML and Jini - On Using XML and the JAVA Border
    Service Architecture to integrate mobile devices into the JAVA
    Intelligent Network Infrastructure" , 29 February 2000 (2000-02-29),
    XP002188507
  SIMEONOV S: "WDDX: Distributed Data for the Web (URL)" , 7 December 1998
    (1998-12-07), pages 1-7, XP002135918
  M. JOHNSON: "XML JavaBeans, Part 2" JAVA WORLD, Online! March 1999
    (1999-03), pages 1-8, XP002212704 Retrieved from the Internet:
    <URL:http://www.javaworld.com/javaworld/jw -03-1999/jw-03-beans p.html>
    retrieved on 2002-09-06!;
NOTE:
  No A-document published by EPO
LEGAL STATUS (Type, Pub Date, Kind, Text):
  Application: 020109 A2 International application. (Art. 158(1))
  Application: 020109 A2 International application entering European
                            phase
  Application: 030312 A2 Published application without search report
  Examination: 030312 A2 Date of request for examination: 20021206
  Assignee: 030423 A2 Transfer of rights to new applicant: Sun
                            Microsystems, Inc. (2616592) 4150 Network
                            Circle Santa Clara, California 95054 US
  Change: 030507 A2 Inventor information changed: 20030314
  Change: 031126 A2 Application number of divisional application
                            (Article 76) changed: 20031008
  Grant: 040107 B1 Granted patent

```
Lapse:                040929 B1 Date of lapse of European Patent in a
                                contracting state (Country, date):  FI
                                20040107, SE 20040407,
Lapse:                041006 B1 Date of lapse of European Patent in a
                                contracting state (Country, date):  FI
                                20040107, GR 20040407, SE 20040407,
Lapse:                040929 B1 Date of lapse of European Patent in a
                                contracting state (Country, date):  FI
                                20040107, SE 20040407,
Lapse:                041006 B1 Date of lapse of European Patent in a
                                contracting state (Country, date):  FI
                                20040107, GR 20040407, SE 20040407,
Lapse:                041020 B1 Date of lapse of European Patent in a
                                contracting state (Country, date):  AT
                                20040107, FI 20040107, GR 20040407, SE
                                20040407,
Lapse:                041027 B1 Date of lapse of European Patent in a
                                contracting state (Country, date):  AT
                                20040107, CH 20040107, LI 20040107, FI
                                20040107, GR 20040407, SE 20040407,
Lapse:                041110 B1 Date of lapse of European Patent in a
                                contracting state (Country, date):  AT
                                20040107, CH 20040107, LI 20040107, ES
                                20040418, FI 20040107, GR 20040407, SE
                                20040407,
Oppn None:            041229 B1 No opposition filed: 20041008
Lapse:                050105 B1 Date of lapse of European Patent in a
                                contracting state (Country, date):  AT
                                20040107, BE 20040107, CH 20040107, LI
                                20040107, ES 20040418, FI 20040107, GR
                                20040407, SE 20040407,
Lapse:                050112 B1 Date of lapse of European Patent in a
                                contracting state (Country, date):  AT
                                20040107, BE 20040107, CH 20040107, LI
                                20040107, DK 20040407, ES 20040418, FI
                                20040107, GR 20040407, SE 20040407,
Lapse:                050316 B1 Date of lapse of European Patent in a
                                contracting state (Country, date):  AT
                                20040107, BE 20040107, CH 20040107, LI
                                20040107, DK 20040407, ES 20040418, FI
                                20040107, GR 20040407, MC 20040531, SE
                                20040407,
Lapse:                050608 B1 Date of lapse of European Patent in a
                                contracting state (Country, date):  AT
                                20040107, BE 20040107, CH 20040107, LI
                                20040107, DK 20040407, ES 20040418, FI
                                20040107, GR 20040407, LU 20040509, MC
                                20040531, SE 20040407,
Lapse:                050615 B1 Date of lapse of European Patent in a
                                contracting state (Country, date):  AT
                                20040107, BE 20040107, CH 20040107, LI
                                20040107, DK 20040407, ES 20040418, FI
                                20040107, GR 20040407, IE 20040510, LU
                                20040509, MC 20040531, SE 20040407,
Change:               060322 B1 Title of invention (German) changed: 20060322
Change:               060322 B1 Title of invention (English) changed: 20060322
Change:               060322 B1 Title of invention (French) changed: 20060322
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text   Language    Update      Word Count
     CLAIMS B    (English)   200402      2173
     CLAIMS B    (German)    200402      2133
     CLAIMS B    (French)    200402      2551
     SPEC B      (English)   200402      66522
Total word count - document A                 0
```

Total word count - document B   73379
Total word count - documents A + B   73379

...SPECIFICATION the network, may provide some details about its
   capabilities, and may immediately become accessible to other   devices
   on the network. Jini **allows** for **distributed**   **computing** where the
   capabilities of the various devices are shared on a network. The Jini
   technology...

 24/5,K/8   (Item 8 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00885990
Quorum mechanism in a two-node distributed computer system
Quorummechanismus in einem verteilten Zweiknotenrechnersystem
Mecanisme de quorum dans un systeme informatique reparti a deux noeuds
PATENT ASSIGNEE:
  SUN MICROSYSTEMS, INC., (1392730), 2550 Garcia Avenue, Mountain View, CA
    94043, (US), (Proprietor designated states: all)
INVENTOR:
  Moiin, Hossein, 355 Crestmont Drive, San Francisco, California 94131,
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  Pruscino, Angelo, 550 Ortega Avenue, Apt. A106, Mountain View, California
    94040, (US)
LEGAL REPRESENTATIVE:
  Cross, Rupert Edward Blount et al (42891), BOULT WADE TENNANT, Verulam
    Gardens 70 Gray's Inn Road, London WC1X 8BT, (GB)
PATENT (CC, No, Kind, Date): EP 810526   A1   971203 (Basic)
                              EP 810526   B1   021002
APPLICATION (CC, No, Date):   EP 97303680 970602;
PRIORITY (CC, No, Date): US 656386 960531
DESIGNATED STATES: DE; FR; GB; NL; SE
INTERNATIONAL PATENT CLASS (V7): G06F-011/14
CITED PATENTS (EP B): EP 33915 A; EP 537899 A; EP 595453 A

ABSTRACT EP 810526 A1
    Each node of a failing distributed computer system, e.g., as a result
of a split-brain failure, races to achieve a quorum by successfully
reserving two shared storage devices which are designated quorum
controllers. During normal operation of the distributed computer system,
each of the quorum controllers is associated with and reserved by a
respective node. During the race for quorum in response to a detected
failure of the distributed computer system, each node which has not
failed forcibly reserves the quorum controller which is associated with
the other node. If node simultaneously holds reservations for both quorum
controllers, that node has acquired a quorum. The forcible reservation of
a shared storage device does not fail even if another node holds a valid
reservation to the same storage device. Accordingly, a failed node which
does not relinquish a reservation to the node's quorum controller cannot
prevent another node from acquiring a quorum. Prior to forcibly reserving
the quorum controller of another node, each node verifies that it
continues to hold a reservation of the node's own associated quorum
controller. If a node no longer holds a reservation of the node's own
associated quorum controller, that node has lost the race for quorum
since another node has already forcibly reserved the former node's
associated quorum controller. Thus, quorum can be efficiently and
effectively determined by independent nodes of a failing distributed
computer system notwithstanding the failure of a failing node to
relinquish shared storage device reservations held by the failing node.
ABSTRACT WORD COUNT: 249
NOTE:
  Figure number on first page: 3

LEGAL STATUS (Type, Pub Date, Kind, Text):
  Examination: 001213 A1 Date of dispatch of the first examination
                             report: 20001027
  Application: 971203 A1 Published application (A1with Search Report
                             ;A2without Search Report)
  Oppn None: 030924 B1 No opposition filed: 20030703
  Grant: 021002 B1 Granted patent
  Examination: 980729 A1 Date of filing of request for examination:

Change: 980812 A1 Designated Contracting States (change)
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199711W4	2941
CLAIMS B	(English)	200240	1649
CLAIMS B	(German)	200240	1480
CLAIMS B	(French)	200240	1817
SPEC A	(English)	199711W4	5824
SPEC B	(English)	200240	5854

Total word count - document A   8767
Total word count - document B   10800
Total word count - documents A + B   19567

...CLAIMS fault handler to specify that the node of the fault handler does
     not have exclusive **access** to the **shared** resources if the fault
     handling module fails in reserving the **second** tie-breaking **device**
     .

12. The computer **program** product of Claim 11 wherein the second
     tie-breaking device is one of the preselected shared devices.
13. An apparatus for recovering from a failure in a **distributed**
     computer system (100) which includes two nodes (100A, 100B) with
     access to shared resources (112A-D...

24/5,K/10   (Item 10 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2006 WIPO/Thomson. All rts. reserv.

00922485   **Image available**
METHOD AND SYSTEM FOR INTERNET CONNECTION
PROCEDE ET SYSTEME DESTINES A UNE CONNEXION INTERNET
Patent Applicant/Assignee:
  NETPCS NETWORKS INC, Suite 301, 105 Hotel de Ville, Hull, Quebec H8X 4H7,
    CA, CA (Residence), CA (Nationality), (For all designated states
    except: US)
Patent Applicant/Inventor:
  MCKESEY Gregory, 57 Birchfield Avenue, Kanata, Ontario K2M 2N5, CA, CA
    (Residence), CA (Nationality), (Designated only for: US)
  NIXON Brian, 71 Stonemaker Drive, Kanata, Ontario K2M 3K9, CA, CA
    (Residence), CA (Nationality), (Designated only for: US)
  SULTAN Karim, 56 Farmfield Crescent, Kanata, Ontario K2M 2S8, CA, CA
    (Residence), CA (Nationality), (Designated only for: US)
  GRANT Joel, 1801 Cloverlawn Crescent, Gloucester, Ontario K1J 6V6, CA, CA
    (Residence), CA (Nationality), (Designated only for: US)
Legal Representative:
  KINSMAN Leslie Anne (et al) (agent), Borden Ladner Gervais LLP, 1000 - 60
    Queen Street, Ottawa, Ontario K1P 5Y7, CA,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200256566 A1 20020718 (WO 0256566)
  Application: WO 2002CA27 20020115 (PCT/WO CA0200027)
  Priority Application: CA 2331046 20010115
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
  EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
  SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class (v7): H04L-029/08
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 14463

English Abstract
  A system and method for managing communications between a client and a
  content provider communicating over a distributed network environment,
  such as the internet. The method commences with receipt of a service
  response from the content provider. The service response is then modified
  to provide added functionality, such as tracking information or the
  opening of a communication channel with third party such as a customer
  service representative, and this modified response is transmitted to the
  client. The method can also include load balancing between a plurality of
  servers of the content provider. Generally, the service response is in
  reply to a previous service request from the client. If so, the service
  request is logged, usually by means of caching a TCP header of the
  service request, prior to being transmitted or routed to the content
  provider. Service request are detected by monitoring the distributed
  network environment to intercept message addressed to the content
  provider. The content of the service request can be used to determine the
  routing of the service request.

French Abstract

L'invention concerne un systeme et un procede permettant de gerer des communications entre un client et un fournisseur de contenus communiquant dans un environnement de reseau distribue, tel que l'Internet. Le procede consiste, dans un premier temps, a recevoir une reponse relative a un service provenant du fournisseur de contenus. Cette reponse est ensuite modifiee de maniere a presenter une fonctionnalite supplementaire, telle que des informations de suivi ou l'ouverture d'un canal de communication avec une troisieme partie, telle qu'un representant du service clientele, et transmise au client. Le procede peut egalement comprendre un equilibrage de charge entre une pluralite de serveurs du fournisseur de contenus. De maniere generale, la reponse relative a un service repond a une requete de service precedante emanant du client. Si tel est le cas, la requete de service est enregistree, habituellement par mise en memoire cache de l'en-tete TCP de la requete de service avant la transmission ou le routage vers fournisseur de contenus. Des requetes de service sont detectees par surveillance de l'environnement de reseau distribue aux fins d'interception de message adresse au fournisseur de contenus. Le contenu de la requete de service peut etre mis en oeuvre afin de determiner le routage de la requete de service.

Legal Status (Type, Date, Text)
Publication   20020718 A1 With international search report.
Publication   20020718 A1 Before the expiration of the time limit for
                          amending the claims and to be republished in the
                          event of the receipt of amendments.
Fulltext Availability:
  Detailed Description

Detailed Description
...   are generally composed of networked computers, or a cluster of
  computers, operating server software to **allow** the **sharing** of files
  with **other** **computers** on the network. The **software** system for such
  networked computers further includes a network-aware OS and a **file**
  sharing server designed to fill requests for network **file** **sharing** .
  The client 100 can be any conventional computer or WO 02/056566
  PCT/CA02/00027...

24/5,K/11   **(Item 11 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
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00876909   **Image available**
METHOD AND APPARATUS FOR AUTHENTICATION AND PAYMENT FOR DEVICES PARTICIPATING IN JINI COMMUNITIES
PROCEDE ET DISPOSITIF D'AUTHENTIFICATION ET DE PAIEMENT POUR DISPOSITIFS FAISANT PARTIE DES COMMUNAUTES JINI
Patent Applicant/Assignee:
  SUN MICROSYSTEMS INC, 901 San Antonio Road, M/S: UPALO1-521, Palo Alto,
  CA 94303, US, US (Residence), US (Nationality)
Inventor(s):
  DIGIORGIO Rinaldo, 20 Mile Common Road, Easton, CT 06612, US,
  UHLER Stephen, 330 Mundell Way, Los Altos, CA 94022, US,
Legal Representative:
  HECKER Gary A (et al) (agent), The Hecker Law Group, Suite 2300, 1925
  Century Park East, Los Angeles, CA 90067, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200211090 A2-A3 20020207 (WO 0211090)
  Application: WO 2001US21446 20010706 (PCT/WO US0121446)
  Priority Application: US 2000627848 20000728
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
  EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
  LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ
  TM TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class (v7): G07F-019/00
International Patent Class (v7): H04L-029/06; G07F-007/10; G07F-017/16
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 6784

English Abstract
  Architectures that enable different types of security devices to operate
  interchangeably in very large network environments for authentication and
  metered access to services are described. The system relies on a
  lease-based access to the network services. The leasing model supports a
  smart card type payment for services allowing for payments to be
  automatically forwarded from the smart card type device to the service
  whenever a service is leased. To lease a service, the requesting service
  must first be authenticated using devices like cellular phones, smart
  cards, Personal Data Assistants, or similar devices that have processing
  and memory capabilities and in some instances, wireless communication
  capabilities. Services may enter or exit the environment at will. Devices
  and services in this environment have public certificates that are used
  for authentication. Services may cusotmize access to its products to make
  them available only to desired services.

French Abstract
  L'invention concerne des architectures permettant a differents types de
  dispositifs de securite de fonctionner de maniere interchangeable dans
  des environnements de reseaux tres etendus pour l'authentification et
  l'acces mesure a des services. Le systeme repose sur un acces loue aux
  services reseau. Le modele de location fonctionne selon un systeme de
  paiement de services par carte a puce, ce qui permet le renvoi

automatique des paiements depuis le dispositif de type carte a puce vers
le service, des lors qu'un service est loue. Pour louer un service, le
service requerant doit d'abord etre authentifie a l'aide de dispositifs,
tels que des telephones cellulaires, des cartes a puce, des assistants
numeriques personnels, ou d'autres dispositifs similaires pourvus de
capacites de traitement et de memoire, et dans certains cas, de capacites
de communication sans fil. Les services peuvent entrer ou sortir de
l'environnement a volonte. Les dispositifs et les services dans cet
environnement comprennent des certificats publics qui sont utilises a des
fins d'authentification. Les services peuvent personnaliser l'acces a
leurs produits de maniere a les rendre disponibles aux services souhaites
seulement.

Legal Status (Type, Date, Text)
Publication   20020207 A2 Without international search report and to be
                          republished upon receipt of that report.
Search Rpt   20031113 Late publication of international search report
Republication 20031113 A3 With international search report.

Fulltext Availability:
  Detailed Description

Detailed Description
...   to a network of machines. The Java application environment provides a
    good computing platform for **distributed computing** because both code
    and data can move from machine to machine. The environment has built-in
    security that **allows** the confidence to run code **downloaded** from
    another machine .

    Strong typing in the Java **application** environment enables identifying
    the class
    of an object to be run on a virtual machine..

00456834   **Image available**
A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR SWITCHED TELEPHONY
    COMMUNICATION
SYSTEME PROCEDE ET ARTICLE CONCU POUR LES COMMUNICATIONS TELEPHONIQUES PAR
    RESEAU COMMUTE
Patent Applicant/Assignee:
  MCI WORLDCOM INC,
Inventor(s):
  ZEY David A,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9847298 A2 19981022
  Application: WO 98US7927 19980415   (PCT/WO US9807927)
  Priority Application: US 97835789 19970415; US 97834320 19970415
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU
  IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL
  PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM KE LS MW
  SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR
  IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Main International Patent Class (v7): H04M-003/42
International Patent Class (v7): H04M-007/00; H04Q-003/00; H04M-003/30
Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 156638

English Abstract
  A hybrid telecommunication system includes a switched network which
  transfers information across the Internet to provide multi-routed and
  multidimensional callback processing. The hybrid network includes one or
  more switched networks coupled to one or more packet transmission
  networks, and a call router coupled to the switched communication network
  and the packet transmission network to route information to the
  appropriate switched telephony device or Internet device address. A
  computer with an attached display communicates with the packet
  transmission network. The computer is used to initiate remote management
  of the hybrid network, including tests of the hybrid network. The tests
  include circuit analysis such as selecting signaling states which could
  be loop start, ground start, or detecting signals such as dual tone
  multifrequency, multifrequency or dialpulse. The hybrid network includes
  support for an operator to monitor the management of the hybrid network,
  and an expert system to regulate the Quality of Service of the hybrid
  telecommunication system.

French Abstract
  La presente invention se rapporte a un systeme de telecommunications
  hybride comprenant un reseau commute qui transmet les informations via
  Internet pour permettre un traitement de rappel multidimensionnel a
  acheminements multiples. Ce systeme hybride comprend un ou plusieurs
  reseaux commutes couples a un ou a plusieurs reseaux de transmission par
  paquets, un dispositif d'acheminement d'appels couple au reseau commute,
  et un reseau de paquets acheminant les informations a l'adresse du
  dispositif telephonique commute ou du dispositif Internet. Un ordinateur
  equipe d'un afficheur communique avec le reseau de paquets. L'ordinateur
  assure le declenchement de la telegestion du reseau hybride ainsi que des
  tests du reseau hybride. Ces tests comprennent l'analyse du circuit et
  notamment la selection des etats de signalisation ainsi que le demarrage
  sur court-circuit ou sur prise de terre, mais aussi la detection de

signaux tels que les multifrequences bi-tons, les multifrequences ou les impulsions. Le reseau hybride assure une assistance operateur permettant de surveiller la gestion du reseau hybride, un systeme expert assurant le controle qualite de service (QOF) du systeme de telecommunications hybride.

Fulltext Availability:
  Detailed Description

Detailed Description
... The
  platform components are linked by one or more network connections which include an internal **distributed   processing** infrastructure.

The ISP 2100 Functional Components are.

1 5 *Inbound and Outbound Gateways 2126 - **allows   access** to services provided by other providers, and **allows   other** providers to access the provider's services.

*Marketable Service Gateway 2 128- interface to a...

00412367   **Image available**
METHOD AND SYSTEM FOR ALLOCATING COSTS IN A DISTRIBUTED COMPUTING NETWORK
PROCEDE ET SYSTEME DE REPARTITION DES COUTS DANS UN RESEAU INFORMATIQUE DECENTRALISE
Patent Applicant/Assignee:
  BELLSOUTH CORPORATION,
Inventor(s):
  RODEN Barbara J,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9802828 A2 19980122
  Application: WO 97US12171 19970711   (PCT/WO US9712171)
  Priority Application: US 96679965 19960715
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU
  IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL
  PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH KE LS MW SD
  SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT
  LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Main International Patent Class (v7): H04M-015/00
International Patent Class (v7): H04M-03:00; H04L-12:14
Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 12733

English Abstract
  A method and system for providing an end-user with Internet access and
  allocating a cost associated with that access among the end-user and
  Internet sites (18) accessed by the end-user. A supervisory program
  module (58), such as a "JAVA" applet, resides on an originating station
  (24), such as a personal computer, operated by the end-user. The
  supervisory program module (58) may be activated by transmitting the
  supervisory program module to the originating station (24) from an
  Internet point of presence (22) operated by a local access provider.
  Alternatively, a trigger may be transmitted from the point of presence
  (22) to the originating station (24) to activate a supervisory program
  module (58) already residing on the originating station (24). The
  supervisory program module (58) monitors the duration of connections with
  specific Internet sites, and transmits messages to the point of presence
  (22) indicating the duration of these connections. The local access
  provider uses the information received in these messages to allocate a
  cost associated with the access, such as the cost associated with using a
  telephone network (30), among the end-user and Internet sites accessed by
  the end-user. Unique keys and time stamps are used as security measures.
  Unique keys are random identification numbers or codes generated by the
  point of presence (22). Time stamps are clock readings generated by the
  originating station, the point of presence, or other network components,
  are used as security measures.

French Abstract
  L'invention concerne un procede et un systeme permettant l'acces d'un
  utilisateur final a Internet et la repartition de couts decoulant de cet
  acces entre l'utilisateur final et les sites Internet (18) auxquels
  l'utilisateur final a acces. Un module de programme superviseur (58) tel
  qu'une miniapplication "JAVA", se trouve dans une station d'origine (24),
  tel qu'un ordinateur personnel, utilise par l'utilisateur final. On peut
  activer le module de programme superviseur (58) en le transmettant a la
  station d'origine (24) a partir d'un point de presence (22) Internet

exploite par un fournisseur d'acces total. Dans un autre cas de figure, on peut transmettre un declencheur depuis le point de presence (22) a la station d'origine (24) pour activer un module de programme de superviseur (58) se trouvant deja dans la station d'origine (24). Le module de programme de superviseur (58) controle la duree des connexions avec des sites Internet specifiques, et transmet des messages au point de presence (22) en indiquant la duree de ces connexions. Le fournisseur d'acces total utilise l'information fournie par ces messages pour repartir les couts decoulant de l'acces, tel que le cout decoulant de l'utilisation d'un reseau telephonique (30), entre l'utilisateur final et les sites Internet auxquels l'utilisateur final a acces. Des cles uniques ainsi que des horodateurs sont utilises comme mesures de securite. Les cles uniques sont constituees par des numeros d'identification ou des codes aleatoires generes par le point de presence (22). Les horodateurs sont des indications d'horloge generees par la station d'origine, le point de presence, ou d'autres composants du reseau, et sont utilises comme mesures de securite.

Fulltext Availability:
  Claims

Claim
... to provide the access
  further comprises a second connection between the originating
  station and a **second** network site.
  . A **computer** -readable medium storing a supervisory
  program module operable for monitoring **access** to a **distributed**
  computing network, the supervisory program module comprising
  instructions which, when executed by an originating station
  coupled to the **distributed** **computing** network, perform the steps
  of:
  displaying a directory comprising an item corresponding to
  a monitored...

```
Set     Items   Description
S1       474    PEER(N)PEER OR GROKSTER OR NAPSTER OR KAZAA OR MORPHEUS OR
                EDONKEY OR FILE()(SHARING OR SWAPPING) OR P2P OR GNUTELLA OR -
                (GRID OR DISTRIBUTED OR UTILITY)()COMPUTING OR MULTICOMPUTER -
                OR MULTI()COMPUTER
S2      5825    (PARALLEL OR DISTRIBUTED OR GRID)(1W)(PROCESS??? OR COMPUT?
                OR RESOURCES) OR CLUSTER?(1W)(COMPUT? OR SUPERCOMPUT?)
S3    483698    ACCESS OR ACL OR AUTHORI?E? ? OR AUTHORI?ING OR AUTHORI?AT-
                ION? ? OR ALLOW?? OR ALLOWING OR PERMISSION? ? OR PERMIT OR P-
                ERMITTED OR PERMITTING OR GRANT?? OR GRANTING OR AUTHENTICATE?
                ? OR AUTHENTICATING OR AUTHENTICATION? ?
S4   1405357    RIGHTS OR PRIVILEGES OR RESTRICT?? OR RESTRICTING OR RESTR-
                ICTION? ? OR PREVENT?? OR PREVENTING OR PREVENTION OR DISALLO-
                W?? OR DISALLOWING OR UNAUTHORI?ED? ?  OR PROHIBIT?? OR PROHI-
                BITING OR ILLEGAL? OR LOCK? ? OR LOCKED OR LOCKING
S5    942155    SOFTWARE OR APPLICATION? ? OR PROGRAM? ? OR FIRMWARE OR AG-
                ENT? ? OR WIZARD? ? OR API
S6    727028    SHARE? ? OR SHARING OR DOWNLOAD?? OR DOWNLOADING OR UPLOAD-
                ?? OR UPLOADING OR (UP OR DOWN)()LOAD??? OR INSTALL?? OR INST-
                ALLING OR INSTALLATION? ? OR COPY OR COPIE? ? OR COPYING OR R-
                EPRODUCE? ? OR REPRODUCING OR REPRODUCTION? ?
S7    452217    DUPLICATE? ? OR DUPLICATING OR DUPLICATION? ? OR EXCHANGE?
                ? OR EXCHANGING OR DISTRIBUTE? ? OR DISTRIBUTING OR DISTRIBUT-
                ION? ? OR REPLICATE? ? OR REPLICATING OR REPLICA OR REPLICAS
S8    107594    (SECOND OR 2ND OR SECONDARY OR ANOTHER OR OTHER? ? OR DIFF-
                ERENT )(3W)(DEVICE? ? OR UNIT? ? OR MACHINE? ? OR APPARATUS-
                ??  OR COMPUTER? ? OR  PC OR NODE? ? OR CLIENT? ? OR SERVER? ?
                OR TERMINAL? ? OR SYSTEM? ? OR PEER OR PEERS )
S9     26542    (S3 OR S4)(5N) S5
S10       80    S9 AND (S1 OR S2)
S11       61    S10 AND PY=1976:2001
S12    41994    (S3 OR S4)(5N)(S6 OR S7)
S13     1020    S12 (5N) S5
S14        8    S13 AND (S1 OR S2)
S15        4    S14 AND PY=1976:2001
S16        4    IDPAT (sorted in duplicate/non-duplicate order)
S17        4    IDPAT (primary/non-duplicate records only)
S18       61    IDPAT S11 (sorted in duplicate/non-duplicate order)
S19       61    IDPAT S11 (primary/non-duplicate records only)
File 347:JAPIO Dec 1976-2006/Jan(Updated 061009)
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05575546   **Image available**
NETWORK DISTRIBUTION METHOD FOR SOFTWARE

ABSTRACT

PROBLEM TO BE SOLVED: To reduce a communication tariff and to distribute
software definite in use time by **distributing** a use right code
permitting the use of **software** in a storage medium for prescribed time
with computer communication in accordance with the request of a user
purchasing the storage medium already registered as software.

SOLUTION: The use right code for permitting the use of software in the
storage medium for prescribed time is **distributed** with **computer**
communication in accordance with the request of the user purchasing the
storage medium in which software is previously recorded in a protected
state where it cannot be operated without the use right code and whose
software is already registered. The use time of software is managed on the
computer of the user. In a drawing, a loop 13 can be realized even if a
loop 12 is not terminated and use time can be prolonged when a continuous
use procedure is followed in a use tariff paying processing 2 (continuous
use in this case) even in a use period.

04360598   **Image available**
MULTIPROCESSOR

ABSTRACT

PURPOSE: To execute **parallel   processing** without recompiling object
codes even when the hardware constitution of a **parallel   processing**
system is changed by providing a mechanism for exclusively controlling
access to variables shared at the time of parallel execution and
dynamically performing the processing block assignment of the parallel
execution realized by an interpreter for executing an intermediate language
outputted by a compiler.

CONSTITUTION: This multiprocessor is provided with a compiling mechanism
102 having a means for analyzing **program** description for generating the
access at least to **shared** memory source assignment and the means for
analyzing the description for a program processing unit capable of
parallel   processing and performing processor assignment. Then,
interpreting mechanisms 111 and 112 for executing the intermediate language
outputted by the compiling mechanism 102 are provided to dynamically
perform the processing block assignment of the parallel execution realized
by the interpreting mechanisms 111 and 112.

```
Set      Items   Description
S1       70806   PEER(N)PEER OR GROKSTER OR NAPSTER OR KAZAA OR MORPHEUS OR
                 EDONKEY OR FILE()(SHARING OR SWAPPING) OR P2P OR GNUTELLA OR -
                 (GRID OR DISTRIBUTED OR UTILITY)()COMPUTING OR MULTICOMPUTER -
                 OR MULTI()COMPUTER
S2       70806   PEER(N)PEER OR GROKSTER OR NAPSTER OR KAZAA OR MORPHEUS OR
                 EDONKEY OR FILE()(SHARING OR SWAPPING) OR P2P OR GNUTELLA OR -
                 (GRID OR DISTRIBUTED OR UTILITY)()COMPUTING OR MULTICOMPUTER -
                 OR MULTI()COMPUTER
S3      364466   (PARALLEL OR DISTRIBUTED OR GRID)(1W)(PROCESS??? OR COMPUT?
                 OR RESOURCES) OR CLUSTER?(1W)(COMPUT? OR SUPERCOMPUT?)
S4     3899900   ACCESS OR ACL OR AUTHORI?E? ? OR AUTHORI?ING OR AUTHORI?AT-
                 ION? ? OR ALLOW?? OR ALLOWING OR PERMISSION? ? OR PERMIT OR P-
                 ERMITTED OR PERMITTING OR GRANT?? OR GRANTING OR AUTHENTICATE?
                 ? OR AUTHENTICATING OR AUTHENTICATION? ?
S5     4303483   RIGHTS OR PRIVILEGES OR RESTRICT?? OR RESTRICTING OR RESTR-
                 ICTION? ? OR PREVENT?? OR PREVENTING OR PREVENTION OR DISALLO-
                 W?? OR DISALLOWING OR UNAUTHORI?ED? ?  OR PROHIBIT?? OR PROHI-
                 BITING OR ILLEGAL? OR LOCK? ? OR LOCKED OR LOCKING
S6    11382692   SOFTWARE OR APPLICATION? ? OR PROGRAM? ? OR FIRMWARE OR AG-
                 ENT? ? OR WIZARD? ? OR API
S7     3317896   SHARE? ? OR SHARING OR DOWNLOAD?? OR DOWNLOADING OR UPLOAD-
                 ?? OR UPLOADING OR (UP OR DOWN)()LOAD??? OR INSTALL?? OR INST-
                 ALLING OR INSTALLATION? ? OR COPY OR COPIE? ? OR COPYING OR R-
                 EPRODUCE? ? OR REPRODUCING OR REPRODUCTION? ?
S8     6622112   DUPLICATE? ? OR DUPLICATING OR DUPLICATION? ? OR EXCHANGE?
                 ? OR EXCHANGING OR DISTRIBUTE? ? OR DISTRIBUTING OR DISTRIBUT-
                 ION? ? OR REPLICATE? ? OR REPLICATING OR REPLICA OR REPLICAS
S9      420308   (SECOND OR 2ND OR SECONDARY OR ANOTHER OR OTHER? ? OR DIFF-
                 ERENT ) (3W) (DEVICE? ? OR UNIT? ? OR MACHINE? ? OR APPARATUS-
                 ??  OR COMPUTER? ? OR  PC OR NODE? ? OR CLIENT? ? OR SERVER? ?
                 OR TERMINAL? ? OR SYSTEM? ? OR PEER OR PEERS )
S10      19869   S9 (5N) S6
S11     472854   (S4 OR S5) (5N) (S7 OR S8)
S12         53   S11 (5N) S10
S13         98   S11 (10N) S10
S14          6   S13 AND (S1 OR S2)
S15          4   S14 NOT PY>2001
S16          4   RD  (unique items)
S17      14530   S11 (5N) S6
S18        588   S17 AND (S1 OR S2)
S19       1528   (S13 OR S17) AND S3
S20         24   S13 AND S3
S21         20   S20 NOT PY>2001
S22         16   S21 NOT S16
S23         10   RD  (unique items)
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COMMUNICATION STRUCTURES FOR THE SUPPORT OF PROTOCOL-INDEPENDENT DISTRIBUTED APPLICATIONS
    Author: LIN, YUNGFU
    Degree: M.S.
    Year: 1991
    Corporate Source/Institution: LAMAR UNIVERSITY - BEAUMONT (0424)
    Supervisor: LAWRENCE OSBORNE
    Source: VOLUME 29/04 of MASTERS ABSTRACTS.
             PAGE 678. 94 PAGES
    Descriptors: COMPUTER SCIENCE
    Descriptor Codes: 0984

     With the arrival of graphical user interfaces and the need for
interactive computing the demand for data sharing and cooperative
processing has increased dramatically. Distinctions between local and
remote computers are no longer tolerable. This has led to the development
of **distributed processing** systems across network. Thus, **distributed
applications** which provide common **access** to **different computers**
become important. **Software** which supports consistent access to the

network interface is an important component of building distributed
applications. This research proposes one possible approach to the design
and implementation of network interface software.
     Because computer communication technology improves every day, a
network interface must be able to adapt to these improvements. This
research suggests that multiplexing and modularity are two important
characteristics of network interface software. The layered structure and
the client/server models are used to build a network interface.